DEMATERIALISED SECURITIES SYSTEM

DESCRIPTION OF COMMUNICATIONAL FILES WITH ISSUERS

Version: 3.6

Athens, February 2026

Publications Table

PUBLICATION	DATE	DESCRIPTION OF PUBLICATION
1.0	26/9/2005	First publication – Draft for comments/remarks
1.0a	29/9/2005	Improvements to the line-forms of tables
1.0c	08/12/2006	Change on 2.5.1
1.0d	20/12/2006	Payment of obligatory acquisition
1.0f	25/04/2007	Addition of new form of investor (common share)
1.1	04/05/2007	Addition of new field of inheritance for joint beneficiaries of common share
1.2	21/05/2007	Addition of surety financial securities
1.3	21/1/2008	In the modified file of shareholders list of the issuance nominal (paragraph 2.1.) the field «total quantity of securities» in entries of type 00 (header) is increased into 20 digits. In the file of distributed pledged (paragraph 2.2) the field «total quantity of securities» in entries of type 00 (header) is increased into 20 digits and in entries of line 11 (distribution) the field «quantity» is increased into 15 digits. In the file of corporate actions (paragraph 2.3) the field «total quantity of securities» in the entries of type 00 (header) is increased into 20 digits and in entries of type 11(distribution) the field «quantity» is increased into 15 digits. In the file of the over-the-counter transfers (paragraph 2.4.1) the field «quantity» is increased into 15 digits
1.4	11/06/2008	Addition of reinvestment file (paragraph 2.5)
1.5	10/12/2008	Addition of specification of the reinvestment files (ex. paragraph 2.5 in the corporate actions files. In the file of distributed pledged (paragraph 2.2) in the entries of type 11 the field distributed value has been added In the files of corporate actions (paragraph 2.3) in the entries type 11, fields have been added for distributed value, special tax treatment category, special percentage of tax deduction. In the file of over-the-counter transfers (paragraph 2.4.1) the field of transaction value has been added.
1.6	22/05/2009	Addition of the specifications of the conversion files (conversion file, file of burden contracts, legalization file, file of notification of not found). In the files of corporate actions (paragraph 2.3) in the entries type 11, field'quantity of no distributed rights' has been added.
1.7	18/10/2010	Addition of file of beneficiaries voting in general assembly (type 67) in the files of corporate actions (paragraph 2.3).
1.8	16/05/2011	Equation of files for nominal and no nominal securities (paragraph 2.3)

1.9	05/07/2011	Addition of data for cash flow distributions (currency out of state tax) (paragraph 2.3)
2.0	05/07/2012	Addition of file for ´preferred dividend´ beneficiaries (type 72) and special reserves (type 73) in the files of corporate actions (paragraph 2.3).
2.1	21/11/2012	Supply of separate information for changes on the stockholders list from a) settlement orders after ordering from the operators (O.T.C.) and b) technical clearing movements (for special settlement type "STOCK_EX"), through the corresponding changes in the "file of modification of shareholders list of the issuers of nominal stock", in the entries type **3 (quantity of securities)**, regarding the (existing and new) possible prices of the field «Indication of updating» (paragraph 2.1, pages 12-13): 1. Existing prices: • "**05**" (Credit of special working): the data that is stated separately under the new prices ´´23´´ and ´´24´´is not included any more. • "**06**" (Charge of special working): the data that is stated separately under the new prices ´´24´´ and ´´26´´is not included any more. 2. New prices: • "**23**" (Credit from settlement orders from the operators (O.T.C.). • "**24**" (Credit from settlement orders from the operators (O.T.C.). • "**25**" technical clearing movements (for special settlement type "STOCK_EX"). • "**26**" technical clearing movements (for special settlement type "STOCK_EX").
2.2	12/11/2014	In the files Modification file of shareholders list of issuers of nominal (par. 2.1) and Type files of corporate actions (par. 2.3), the following fields have been added: • Country of incorporation, • General Statistical Category and • Special Statistical Category.
2.3.	08/06/2015	In all the electronic files where the field "Type of certificate of recognition" exists, as a possible price, price "4" was added, which corresponds to the Commercial Registry.
2.4	23/09/2016	In corporate action files (paragraph 2.3), the transport control for the special investor account was added, included the file type 29 at 11 type records (effective from 03.10.2016). In Records type 06 (Error in file received by ATHEXCSD) the information field length has changed from 45 to 80
2.5	13/01/2017	Amendments regarding co-owner accounts on the corporate action files types 13, 19, 57, 58, 72, 73, 29, 52 and 53
2.6	05/07/2019	Modification of an OTC file so that transfers can be made only with a statement of intent (special move 13, par.2.4)

2.7	28/04/2020	Exchange files with csv with Issuers (par. 1.6).
		Addition of csv file to provide data and information to facilitate the participation in general meetings from distance, in accordance with Decision 8 of ATHEXCSD Board of Directors (par. 2.6)
2.8	13/05/2020	CSDR test version - Modification, removal or addition of files within the CSDR project Phase 1 / CSD licensing (with intended validity from September 2020):
		1. Addition of Acronyms (par. 1.3)
		2. File modification:
		a) Modification file of shareholders list of issuers of nominal (par. 2.1),
		b) Files of corporate actions (par.2.3)
		3. Addition of a new csv file to inform the issuer: " Identification file of the omnibus accounts " (par.2.7)
		The current edition was cancelled with the notification sent at 13/08/2020
2.9	01/10/2020	SRDII version phase A:
		1. The mobile phone field is added which is a rename of the previous field "fax" into the files which be given to the issuers.
		2. Modification to: "File to facilitate the participation in a general assembly from a distance" (par. 2.6)
		3. Entry:
		a) new csv file to inform the issuer: "Shareholders' identification file from the ATHEXCSD (as CSD) to the Issuer or to the Issuer Agent of the Issuer". (par. 2.7)
		b) ATHEXCSD information files for transmission by the issuer of information of the General Assembly and Other Corporate Facts as well as confirmations of voting shareholders (par. 2.8)
3.0	16/10/2020	The changes in the present manual concern modification of files within the CSDR project phase 1/ CSD licensing and SRDII phase B (with effect from the licensing of the CSD to the CSDR Regulation):
		File modification:
		a) Modification file of shareholders' list of issuers of nominal shares (par. 2.1),
		b) Corporate Action Files (par. 2.3)
		File addition:
		a) File of Share Register in CSV format (par. 2.3.2) , which is provided instantly,
		b) Shareholders' identification file from the ATHEXCSD as Issuer Agent (par. 2.7.2)

3.1	5/3/2021	Amendment to the Shareholder Identification File by ATHEXCSD (paragraph 2.7), as to the instructions and comments in the file
		Amendment to the ATHEXCSD Shareholder Identification File (paragraph 2.7), adding a field for the securities account, correcting the instructions and comments in the file
		In the Corporate Transaction Files in CRP format (para. 2.3.1), the existing securities account field in the Type 11 records for Type 67 files will no longer be left blank, but will be populated by the securities account of the client/client share.
3.2	10/06/2021	Amendment to the ATHEXCSD Shareholder Identification File (paragraph 2.7), adding a field for the securities account, correcting the instructions and comments in the file
		In the Corporate Transaction Files in CRP format (para. 2.3.1), the existing securities account field in the Type 11 records for Type 67 files will no longer be left blank, but will be populated by the securities account of the client/client share.
3.3	02/10/2023	The following fields shall be added to type 1 and type 2 records in the Issuer's Share Register Changes File (paragraph 2.1):
		- No. Securities Account No.
		- Check Digit Account Number
		- Date of death
		In the Register of Corporate Transactions (paragraph 2.3), the 'Date of death' is added to type 01 and 02 records. A completed No. Account Number of Securities and the Account Check Digit in the type 11 records.
3.4	4/9/2024	Improvement of the reserved allocation file (paragraph 2.2) and its renaming to "Allocation File for Encumbrances".
3.5	25/06/2025	Addition of a new file: "Allocation File in CSV format" (section 2.3.3)
		Addition of a new file: "Shareholder Participation Declaration in a Special Tax Treatment Category" for cash distributions of Cypriot issuers (section 2.3.4)
		Renaming of field 32 in the shareholder identification file by ATHEXCSD (section 2.7)
		Negative cash flows: Addition of a negative sign "-" in records of type 00 (Header Record) and type 11 (Allocation) in the "Corporate Actions Files in CRP format" (section 2.3.1)
		New file type for cash distribution operations (section 2.3)
3.6	4/2/2026	To capture the full set of encumbrances on securities, in addition to those already provided:
		a) a new parameter is added to the "type of encumbrance" field in the Issuer Registered Shareholder Registry Change Files (section 2.1),
		b) a new parameter is added to the "quantity classification" in the Corporate Actions Files in CRP format (section 2.3),
		c) a new file "Encumbrances and Other blocking File in CSV format" is created (section 2.9), in which all types of encumbrances are recorded in detail.

Copy Rights

Important Notice

Table of Contents

1. Introduction

1.1 Target – Objective of the text

The present text describes the possibilities of incoming and out coming of ASCII data files from the Dematerialized Securities System (DSS) concerning the awareness of the issuers about their stock holders list as well as any necessary communication for exchanging data between ATHEXCSD and the issuer.

1.2 Structure of the text

The present text divided into the following chapters:

Chapter 1: The present introductory chapter.

Chapter2: Electronic files that coming in and supplied by DSS in order to facilitate the workflow of the issuers.

Appendix I: List of standard files.

1.3 Acronyms and Abbreviations

Acronyms	Abbreviations
ATHEX	Hellenic Exchanges - Athens Stock Exchange SA
ATHEXCSD	Hellenic Central Securities Depository S.A.
ATHEXCLEAR	Athex Clearing House S.A.
CSE	Cyprus Stock Exchange
DSS	Dematerialized Securities System
BoG	Bank of GREECE
LEI	Legal Entity Identifier
BIC	Bank Identifier Code
CONCAT	According to COMMISSION DELEGATED REGULATION (EU) 2017/590 of 28 July 2016 supplementing Regulation (EU) No 600/2014 of the European Parliament and of the Council. It's a 2nd priority identifier and it is consisted of the following elements in the following order: (i) the date of birth (YYYYMMDD); (ii) the first five characters of the first name; (iii) the first five characters of the surname

Table 1-1, Definitions, Acronyms and Abbreviations

1.4 Notation

The tables below show the notation used for the presentation of the DSS software.

Symbol	Description
K	Key file

Τύποι Δεδομένων	Περιγραφή
A	Alphanumeric
N	Number
N(x,y)	Number x length with y decimal characters. Ως decimal point ορίζεται η τελεία.
D	Date-Time

1.5 Allowed characters

- The electronic files use the Character Set ISO 8859-7 (ELOT 928)
- There are no Control characters.
- The allowed characters are:

Digits	: 0,1,2,3,4,5,6,7,8,9
Latin capitals	: A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z
Symbols	: ( ) - . , /
Greek Capital	: Α,Β,Γ,Δ,Ε,Ζ,Η,Θ,Ι,Κ,Λ,Μ,Ν,Ξ,Ο,Π,Ρ,Σ,Τ,Υ,Φ,Χ,Ψ,Ω
Special Characters	: <SP> (space)

- The data have to be completed with capital characters (Upper Case).
- Fields with price list are obliged to receive price from the list.
-

1.6 Comma-separated values files (CSV)

- A Comma Separated Values (CSV) file is a plain text file that contains a list of data, that you can create or edit in Excel. Instead of storing information in columns, CSV files store party-separated information. Electronic files for the issuers

2. File for issuers

2.1 Modification file of shareholders list of issuers of nominal

The modification of data concerning the shareholders list (transferring actions) that requires the notification of the issuers of nominal securities by DSS, are using the type of files and the sercices described below.

The data that is included in the files is classified into the following types of entities:

Record Type	Description
0 (zero)	Header Record of sending file
1 (one)	Registration of Investor
2 (two)	Registration of joint beneficiary (in group of joint or common account)
3 (three)	Registration of quantity
4 (four)	Modification of burden – tenure

The drawing pattern of the file for each type of entity is the following:

Records type 0 (Header Record)

Field	K	position	length	type	Possible prices	Remarks
Indication of record		1	1	A	0 (zero)	Entity Header
Type of file	*	2	6	A	000011	Transferring action
Code of the issuer in DSS	*	8	6	A	From coding of DSS	
Date and time of the file production	*	14	12	D		DDMMYYYYHH(24)MI
Code of sending file		26	6	A	Blank	
Number of records type 1		32	10	N		LPAD 0
Number of records type 2		42	10	N		LPAD 0
Number of records type 3		52	10	N		LPAD 0
Number of records type 4		62	10	N		LPAD 0
Number of records type 5		72	10	N	0 (zero)	This field is for future usage
Number of records type 6		82	10	N	0 (zero)	This field is for future usage
Total number of records		92	10	N		LPAD 0
Total quantity of securities		102	20	N		LPAD 0
ISIN Code		122	12	A	From coding of DSS	
Indication of burden		134	1	A	0 (zero)	This field is not in usage
Indication of investor notification		135	1	A	1 (=legalization)	This field is not in usage
Date of shareholders list		136	8	D		DDMMYYYY It is updated only if a shareholders list of corporate's action has "closed"

Records type 1 (Shareholder)

Field	K	Position	Length	Type	Possible prices	Remarks
Code of the issuer in DSS	*	1	6	A	From coding of DSS	

Field	K	Position	Length	Type	Possible prices	Remarks
Installation Code	*	7	8	A	blank	
Number of transferring action	*	15	15	A		Consecutive transactions by value
Indication of record	*	30	1	A	1	Shareholder
Internal Numbering	*	31	2	A	00	zero
Surname or Full legal denomination of the legal entity		33	200	A		
Name		233	30	A		Only for Individuals
Father's Name		263	15	A		Only for Individuals
Tax identification number		278	15	A		Identification Number for Greek Taxpayers or indication does not exist
Competent tax office		293	15	A		Competent Tax Office for Greek Taxpayers or indication "DOES NOT EXIST"
Type of Investor share		308	1	A	**1** Individual, **2** Legal entity, **3** Co-owners InvestorShare, **4** Issuer, **5** Joint Investor Share	
Corporate Form		309	15	A		Only for legal entities
Occupation/business activity		324	25	A		Occupation (Individuals) Subject (Legal entities)
Registered Office		349	80	A		Only for legal entities
Contact person		429	60	A		Only for legal entities
Nationality		489	2	A	From coding of DSS	
Investor Share Code (DSS)		491	10	A		
Type of certificate of recognition		501	1	A	**1** = ID, **2** = Passport, **3** = Corporate registration number, **4** = Commercial Registry **O** = Other	(O is a Latin capital character)
Number certificate of recognition		502	25	A		Entered number or the indication "DOES NOT EXIST"
Date of issuing the certificate of recognition		527	8	D		DDMMYYYY
Issuing authority of certificate of recognition		535	60	A		Indication of authority or indication "DOES NOT EXIST"
Issuing country of certificate of recognition		595	2	A	From coding of DSS	
Address and number		597	40	A		
P.C.		637	10	A		
City		647	20	A		
Country		667	2	A	From coding of DSS	
Telephone number		669	15	A		
Mobile phone		684	15	A		This field is a rename of the previous field "fax number". The mobile phone field as a field in the DSS accepts only numbers without other characters or spaces. (minimum size 10 digits, maximum size 15digits of the format 00ccnnnnnnnnnnnn, where c-country code = international country code)
E-mail		699	64	A		
Recipient		763	60	A		
Address and number		823	40	A		
p.c.		863	10	A		

Field	K	Position	Length	Type	Possible prices	Remarks
City		873	20	A		
Country		893	2	A	From coding of DSS	
Telephone Number		895	15	A		
FAX		910	15	A		
Term of heritage for common shares		925	1	A	1 – YES , 0 –NO	The enforcement of the term in case of demise of one of the joint beneficiaries, the securities are devolved by right to the rest according to paragraph 1 of article 2 of Law 5638/1932. The field is completed only in common shares.
Country of Incorporation		926	2	A	From coding of DSS	Concern only legal entities
General Statistical Category		928	10	A	From coding of DSS	
Special Statistical Category		938	10	N	From coding of DSS	
Investor Share Account Category		948	1	A		**1= Market maker in Securities** **2=Market Maker in Derivatives** **3=Member's Share account** **4= Transitional account of issuer/capital administrator** **5 = Temporary settlement account of intermediary** **6=Market maker in ETF's** **7=Link share (ex-correspondent share account)** **8 = Fund (Shares of Capital Administrator and Capital Shares)** **9=Share of Customer Insurances** **O = Customer** **a=Share account of issuer of unlisted beneficiaries of bearer securities** **b=Share account of issuer of unlisted registered securities** **c=System administrator share** **d= Clientele** **e=Participant's** **g = Trust share account** **j=Escrow agent & forced deposit share account** **k= Public entity's share account**
Type of fixed certificate of recognition		949	1	A		Individuals 1= Soc. Sec. Number 4=Personal ID O (O is a Latin capital character) =Other Legal Entities 2=LEI 3=BIC O (O is a Latin capital character) =Other The field is not filled in for Joint Investors Share or Co-Owners Investor Share

Field	K	Position	Length	Type	Possible prices	Remarks
Investor's unique fixed identification number		950	30	A		
P.C P.O. BOX		980	10	A		
P.O BOX number		990	10	A		
Securities account number		1000	10	N		
Check Digit Securities account		1010	1	N		
Date of death		1011	8	D		DDMMYYYY

Records type 2 (Co-beneficiaries in group context or in a joint investor account)

Field	K	Position	Length	Type	Possible Prices	Remarks
Corporate Code in DSS	*	1	6	A	From coding of DSS	
Installation Code	*	7	8	A	Blank	
Number of transferring action	*	15	15	N		
Indication of record	*	30	1	A	2	Co-owner
Internal Numbering	*	31	2	N		Number of Co-owner
Surname/Full legal denomination of the legal entity		33	200	A		
Name		233	30	A		Only for Individual Only for Individual
Father's Name		263	15	A		Only for Individual
Tax identification Number		278	15	A		Identification Number for Greek Taxpayers or indication "DOES NOT EXIST"
Competent Tax Office		293	15	A		Competent Tax Office for Greek Taxpayers or indication "DOES NOT EXIST"
Person Indication		308	1	A	**1** Individual, **2** Legal Entity	
Corporate Status		309	15	A		Only for Legal Entities
Occupation/business activity		324	25	A		Occupation (Individuals) Subject (Legal entities)
Registered Offices		349	80	A		Only for Legal Entities
Contact person		429	60	A		Only for Legal Entities
Nationality		489	2	A	From coding of DSS	
Investor Share Code (DSS)		491	10	A		
Type of certificate of Recognition		501	1	A	**1** = ID, **2** = Passport, **3** = Corporate registration number, **4** = Commercial Registry **O** = Other	(O is a Latin capital character)
Number of certification of recognition		502	25	A		Number of certificate or indication "DOES NOT EXIST"
Date of issue for the certificate of recognition		527	8	D		DDMMYYYY
Issuing Authority certificate of Recognition		535	60	A		Issuing authority or indication "DOES NOT EXIST"
Issuing Country for the Certificate of Recognition		595	2	A	From coding of DSS	
Address and number		597	40	A		
Postal Code		637	10	A		
City		647	20	A		
Country		667	2	A	From coding of DSS	
Telephone		669	15	A		
Mobile phone		684	15	A		This field is a rename of the previous field "fax number". The mobile phone field as a field in the DSS accepts only numbers without other characters or spaces. (minimum size 10 digits, maximum

Field	K	Position	Length	Type	Possible Prices	Remarks
						size 15digits of the format 00ccnnnnnnnnnnnn, where c-country code = international country code)
E-mail		699	64	A		
Percentage of Co-ownership		763	7	N(6,3)		Form of 999.999 **It remains blank if the co-owner is member of Joint Investor Account**
Securities account number		770	10	N		
Check Digit Securities account		780	1	N		
Date of death		781	8	D		DDMMYYYY

Records type 3 (Quantity of securities)

Field	K	Position	length	Type	Possible Prices	Remarks
Corporate Code in DSS	*	1	6	A	From coding of DSS	
Installation Code	*	7	8	A	blank	
Number of transferring action	*	15	15	N		
Indication of record	*	30	1	A	3	Quantity of securities
Numbering	*	31	2	N		Serial number per investor
ISIN Code		33	12	A	From coding of DSS	
Quantity of securities		45	15	N		LPAD 0
Sending Code		60	6	N	0 (zero)	LPAD 0 This field is not in usage
Indication of burden		66	1	A	0 (zero)	This field is not in usage
Indication of awareness		67	2	A	01	Credit for dematerialization
					02	Debit for dematerialization
					03	Buy
					04	Sell
					05	Credit for special work flow (does not include any more data that stated separately under the prices "23" and "25")
					06	Debit for special work flow (does not include any more data that stated separately under the prices "23" and "25")
					07	Credit for corporate actions (Distribution files)
					08	Debit for corporate actions (Distribution files)
					09	Credit for Bonus Issue
					10	Debit for Bonus Issue
					11	Credit for Split
					12	Debit for Split
					13	Credit for Reverse split
					14	Debit for Reverse split
					15	Conversion credit
					16	Conversion Debit
					17	Consolidation credit
					18	Consolidation debit
					19	Transferring of derivatives credit
					20	Transferring of derivatives Debit

Field	K	Position	length	Type	Possible Prices	Remarks
					21	Credit for heritage sequence
					22	Debit for heritage sequence
					23	Credit for settlement orders on behalf of operators - O.T.C.
					24	Debit of settlement orders on behalf of operators - O.T.C.
					25	Credit for technical clearing movements (for special settlement orders type "STOCK_EX")
					26	Debit for technical clearing movements (for special settlement orders type "STOCK_EX")
Date of transaction completion		69	8	D		DDMMYYYY
Date of transaction		77	8	D		DDMMYYYY

Records type 4 (Changes of pledgee - Usufruct)

Field	K	position	length	Type	Possible Prices	Remarks
Corporate Code in DSS	*	1	6	A	From coding of DSS	
Installation Code	*	7	8	A	blank	
Serial number of pledge	*	15	15	N		Serial numbering of changes per ISIN
Indication of record	*	30	1	A	4	Changes of pledgee-usufruct
Numbering	*	31	2	A	00	zero
Number of pledge		33	10	N		LPAD 0
Numbering of associated pledge		43	10	N		LPAD 0 In showing the recommendation pledge serial number Statement of Intent if any. In lifting pledge shows the numbering of pledge in DSS. In all other cases, 0 (zero).
Number of contract		53	50	A		
Indicator kind of pledge		103	1	A	1 – Pledge,	03-Pledge for Athexclear P0-Pledge from Participant W0- Option from Participant T0-Pledge from ATHEXCSD
					2 – Usufruct	R0-Usufruct from Participant S0- Usufruct from ATHEXCSD
					3 – Financial Collateral	g0-Financial Collateral in Rem
					4- Blocking	01-Declaration of intent for Transfer or Pledge 05 - Blocking 85- Safety Portfolio Y0-Blocking due to safe box 07 Blocking for minority rights Q0-Blocking from ATHEXCSD
Display category		104	2	A	01	Formation of pledge
					02	Pledge lifting
					03	Extended pledge
					04	Change of Lender

Field	K	position	length	Type	Possible Prices	Remarks
					05	Change of Terms
Date of activate the pledge		106	8	D		DDMMYYYY
Details of debtor						
Investor Share Code (DSS)		114	10	A		
Details pledgee or usufructuary						
Investor Share Code (DSS)		124	10	A		
Surname or Full legal denomination of the legal entity		134	200	A		
Name		334	30	A		Only for Individual
Father's Name		364	15	A		Only for Individual
Tax identification number		379	15	A		Tax identification number or indication "DOES NOT EXIST"
Competent tax office		394	15	A		Competent tax office or indication "DOES NOT EXIST"
Person Indication		409	1	A	**1** Individual, **2** Legal entity, **3** Co-owner share **4** Issuer **5** Joint Investor Account	
Corporate Status		410	15	A		Only for legal entities
Registered Office		425	80	A		Only for legal entities
Nationality		505	2	A	From coding of DSS	
Type of certificate of Recognition		507	1	A	**1** = ID, **2** = Passport, **3** = Corporate registration number, **4** = Commercial Registry **O** = Other	(zero is capital Latin)
Number certificate of recognition		508	25	A		Number of Certificate or the indication "DOES NOT EXIST"
Date of issuing the certificate of recognition		533	8	D		DDMMYYYY
Issuing authority of certificate of recognition		541	60	A		
Issuing country of certificate of recognition		601	2	A	From coding of DSS	
Date of receipt of pledge from ATHEXCSD		603	8	D		DDMMYYYY
ISIN		611	12	A	From coding of DSS	
Serial numbering analysis of pledge		623	10	A		
Initial amount		633	15	N		
Indication Extension Terms		648	1	A	**Indication Extension Terms:**	Distribution of Securities as Bonus
Indication Extension Terms		649	1	A	1. Extension 2. Pledger/Remainder Man, 3. pledgee / usufructuary	Distribution of transferable securities arising from every type of reorganization of the pledged securities (ex. changes in the nominal value, split)
Indication Extension Terms		650	1	A		Distribution of securities in substitution of the

Field	K	position	length	Type	Possible Prices	Remarks
						pledged securities due to any corporate action such as merger, absorption or conversion or exchange of exchange Bonds
Indication Extension Terms		651	1	A		Description of right on dividends
Indication Extension Terms		652	1	A		Description of voting rights
Indication Extension Terms		653	1	A		Rights to exercise issue pre-emptive rights deriving from the pledged Securities

2.2 *Allocation* file for encumbrances

For allocations from initial registration or corporate transactions of Securities pledged or encumbered (due to Attachment, Pledge or Charge) by an issuer, the following csv file, semicolon delimited in Char. Set ISO8859-7, shall be imported into the DSS.

With respect to the fields in the file, which are listed in the table below, the following are clarified:

- For Securities encumbered due to Pledge/Equity, fields 1-20 shall be filled in.

- For Securities pledged as a result of an Attachment, fields 1-12 shall be completed.

In the case of Securities subject to a Lien, the following are required:

- The Lender to disclose its Account to the S.A.T., the Participant to which the Securities will be registered and held and the Participant from which the benefits to which it is entitled will be received under the relevant terms of the Pledge.

- The Obligor to disclose its Share to the S.A.T. and the Participant from which the benefits to which it is entitled will be received under the respective terms of the Pledge.

- It is required that both the Debtor's/Lender's Share and the Lender's/Shareholder's Share have an active Securities Account with the Registration Participant.

Detailed instructions for completing the file are given below:

Field	Type/Lenght	Comments
s/n	N10	Serial numbering of the record
TAX Identification Number	A15	Fill in the beneficiary's VAT number, as registered in his/her account in the DSS: For Greek beneficiaries, the 9-digit Tax Identification Number is filled in, while for foreigners the corresponding T.I.N. (Tax Identification Number) issued by the competent Tax Authority of their country of residence. Attention: the 9-digit number must include the initial zeros, e.g. 012345678. If no Tax Identification Number is registered in the register, the indication NOT EXISTING (in Greek capitals) must be filled in.
Investor share code	N10	Enter the 10-digit number of the Beneficiary's investor share code. Attention: the 10-digit number must include the initial zeros, e.g. 0012345678
Account number	N10	Enter the 10-digit number of the Beneficiary's Securities Account. Attention: the 10-digit number must include the initial zeros, e.g. 0012345678
DSS Participant code	N10	Enter the code of the Participant to which the Securities will be registered and kept in the S.A.T. (the codes of the Participants are listed in the Annex).
ISIN	A12	Fill in the 12-digit code of the isin
Volume	N15	Enter the integer number of securities to be registered to each beneficiary.

Quantity characterization	A2	Fill in one of the values, according to the corresponding format kept in your paper file: For Securities where there is a commitment, enter the type **05** (zero five) For Securities which are subject to a **pledge**, enter the type **P0** (T in roman characters, 0 = zero) For Securities which are subject to a usufuct enter the type **R0** (0 = zero) shall be filled in.
Comments	A64	This refers to Blocked Securities (blocking type 05). Details of the commitment are completed
Contract number	A20	Enter the contract number or the number of the beneficiary in the commitment. For a Pledge, the number or date of the Contract concluded between the parties involved (Debtor-Lender) is filled in. For usufruct, enter the notarial deed or the date of the private agreement.
Participant code Debtor/ Remainder Man	N10	Fill in the Participant's code from which the benefits to which the Debtor/Paying Principal is entitled will be received, based on the respective terms of the Pledge/Usufruct
Description of lender	A20	Fill in the name of the beneficiary in the case of freezing due to seizure (05-Blocking) where the beneficiary does not have a share code
Investor share code lender/usufructuary	N10	The 10-digit number of the Lender's / usufructuary Share is filled in. Attention: the 10-digit number must include the initial zeros, e.g. 0000123456.
Participant code lender/usufructuary	N10	The code of the Participant to which the benefits to which the lender/usufructuary is entitled will be received, based on the respective terms of the Pledge/Application
Bonus (Securities distributed free of charge to the beneficiary of the Securities)	N1	This is the term indicating the extension or not of weight to Securities distributed free of charge by the Issuer. One of the values is to be filled in: 1=Extended (when processing the corporate transaction the new securities will be registered weighted, i.e. the weight will be extended) 2= Debtor/High Principal (when processing the corporate transaction the new securities will be registered available to the Debtor/ Remainder Man). For balance 05 status always fill in 1.
SPILT/REVERSE SPLIT (Securities resulting from any kind of conversion of Securities (e.g. change of nominal value, split) or modification of embedded rights)	N1	This is the term indicating the extension or not of the weight in Securities resulting from a Corporate Security Conversion Transaction. One of the values is filled in: 1=Extended (when processing the corporate act the new securities will be registered weighted, i.e. the weight will be extended) 2= Debtor/High Principal (when the corporate transaction is processed the new securities will be registered as available to the Debtor/ Remainder Man). For balance 05 status always fill in 1.

MERGER/ABSORPTION (Securities attributable to the holder of the Securities as a result of any corporate transformation (e.g. merger, absorption) of the issuer of the Securities or as a result of conversion or exchange of dematerialised Bonds)	N1	This is the term indicating the extension or not of the weight in Securities resulting from a Corporate Conversion. One of the values is to be filled in: 1=Extended (when processing the corporate transaction the new securities will be recorded weighted, i.e. the weight will be extended) 2= Debtor/High Principal (when processing the corporate transaction the new securities will be registered available to the Debtor/ Remainder Man). For balance 05 status always fill in 1.
Cash distribution (Rights to Dividends, interest, profits or other benefits from Securities)	N1	This is the term denoting the Beneficiary receiving the Dividend or other benefits from the Issuer. In the Pledge, one of the values is filled in: 3= lender/usufructuary or 2= Debtor/ Remainder Man In the usufruct, always fill in the value 3= lender/usufructuary Depending on the value filled in, the cash distribution will be attributed to the participant of the receiving beneficiary. For balance status 05 is filled 2.
VOTING RIGHT (Exercise of voting rights of the Securities)	N1	This is the term that declares the Beneficiary to participate in a GA. Fill in one of the values: 3= lender/usufructuary or 2= Debtor/ Remainder Man Depending on the value filled in, the voting beneficiary will be displayed. For residual status 05, 2 is filled in.
PREFERENCE RIGHTS Rights to exercise preference rights under the Securities or rights to convert or exchange the dematerialised Bonds.	N1	This is the term that designates the Beneficiary for the exercise of the Rights of Preference One of the values shall be filled in: 3= lender/usufructuary or 2= Debtor/ Remainder Man Depending on the value filled in, the right of first refusal will be assigned to the participant of the receiving beneficiary. For balance 05 status, 2 is filled in.

2.3 Type files of corporate actions

2.3.1 Files of Corporate actions in CRP format

For the corporate actions of the issuer, distribution files are entered into the DSS and are respectively produced from the DSS during the gradual implementation phases of corporate actions as described below.

In case of an error in the listing file, an error file is generated (record type 6).

The data included in the files is classified in the following types of records:

Record Type	Description
00 (zero)	Header Record of sending file
01 (one)	Investor data
02 (two)	joint holder: (in co-owner share or in a joint account)
11 (eleven)	distribution
09 (nine)	Usufructuary or pledgee
06 (six)	Error in file received by ATHEXCSD

The type of file per record is as follows:

Record type 00 (Header Record) for corporate actions / special operations

Field	K	Position	length	type	Possible Prices	Remarks
Indication of record	*	1	2	A	00 (zero)	
Type of file	*	3	6	A	000006	File of errors
					000009	Shareholders' file
					000013	Disclosure of Dividend Distribution
					000014	File of fractional. balances Disclosure of fractional balances distribution
					000016	Disclosure blockings to Rights exercised
					000017	Disclosure blockings for General Assembly
					000018	Disclosure blockings Bonds
					000019	Disclosure of coupons distribution
					000020	Disclosure Complaint Repayment
					000021	Orders of shares' distribution
					000022	Orders of fraction balances distribution
					000025	Disclosure of "not appeared" distribution.
					000027	Commands automatic conversion of bonds
					000028	Orders Repayment of bonds
					000029	Dispatch Notification Coupon for Paying Bank
					000034	Notification blockings to exchange bonds
					000035	Conversion of Bonds
					000052	Disclosure of dividends to Pay
					000053	Dividends paid Notification
					000056	Exclusion from Participation Issuer (Distribution)

Field	K	Position	length	type	Possible Prices	Remarks
					000057	Interim dividend
					000058	Return of Capital
					000059	Payment of Compulsory Acquisition
					000061	Notice of Dividend Payment for Paying Bank
					000062	Receipt of Dividend Payments Bank
					000063	File of Reinvestment
					000067	Beneficiary Notification of voting for General Assembly
					000072	Dispatch Notification 'Interest Privileges'
					000073	Dispatch Notification 'special reserve'.
Corporate Code in DSS	*	9	6	A	From coding of DSS	
Code of Sending File	*	15	6	A		LPAD 0. Serial number per file type editor. In the archives of the ATHEXCSD includes corresponding number of spaces.
Production date and time		21	12	A		DDMMYYYYHH(24)MI
Number of record type 01		33	10	N		LPAD 0
Number of record type 02		43	10	N		LPAD 0
Number of records type 06 (record type 06) 09 (file type 13, 67)		53	10	N		LPAD 0
Number of record type 11		63	10	N		LPAD 0
Total number of records		73	10	N		LPAD 0
Total quantity of securities		83	20	N		LPAD 0
ISIN code		103	12	A	From coding of DSS	
Number of corporate action (from DSS)		115	10	A	From coding of DSS	LPAD 0
Date of shareholders list		125	8	D		DDMMYYYY
Total of dividend		133	16	N(15,2)		LPAD 0 In form 15,2 (9999999999999.99)
Total of tax		149	13	N(12,2		LPAD 0 In form 12,2 (9999999999.99)

Comments

1. The files '000013 ', '000017', '000057 ', '000058', '000067 ', '000072', '000073 ' sent by ATHEXCSD to Issuers and they will include type records' '00', '01 ',' 02 ', '11', '09' with full dataof shareholders and co-owners, pledgees, usufructuaries, for the updating oftheir files.

2. The files '000009 'and '000014' will include type records' '00 ', '01', '02 ', '11' with full details of shareholders.

3. In files '000013', '000057', '000058', '000067', '000072 'and '000073' (Notice of dividend, interim dividend, return of capital, Beneficiaries voting at a General Meeting, etc)

   - In case of pledge / lien will include recording type '09 'with elements of Lender - holder to a dividend or voting and in record type '01' will include details of the shareholder pledged.

   - in case of usufruct, a record type '09' will be included with the information of the usufructuary - holder entitled to a dividend or voting and in record type '01' the details of the shareholder will be included.

4. The files '000016' include type '01' (and '02 'when it comes to team co-beneficiaries) and '11'. In record type '11', in the position of the field "Key mentioned pledge" (from position 106, 10 characters, numeric) the serial number of the blocking.

5. The file '000017 '(Disclosure of blockings for General Assembly):

   - In case of a blocking or pledging of securities in financial collateral, a record type '09 will be included 'with elements of Lender - holder voting and in record type '01 the details of the shareholder pledged will be included. In record type '11 and in position of the field "number of pledge" (from position 164, 10 characters, and numeric) DSS will indicate the serial number of the pledge.

   - In case of freezing values in usufruct, record type '09 will be included with the data of usufructuary - holder entitled to voting and in record type '01 the details of the shareholder will be included. In record type '11' and in the position of the field "number of pledge" (from position 164, 10 characters, and numeric) the serial number of the usufruct is indicated by the DSS.

   - The file contains active and inactive blockings. Inactive blockings are differentiated from the date of the inactivation.

6. The file '000006 ' will be sent by ATHEXCSD to all issuers and will include entries type '00', '06 '.

7. The files '000021 ', '000022' will be sent by the issuers to ATHEXCSD and will include the entry types '00 ', '11'.

8. The file '000030 '(Shareholder Lending Balances) does not concern the Issuer.

9. The files '000018' include type '01' (and '02' when it comes to co-beneficiaries) and '11'. In record type '11' and in the position of the field "Key mentioned pledge" (from position 106, 10 characters, and numeric) the serial number of conversion obligation of bond is indicated.

10. The file '000019' is to be used by the issuer and includes record type '01' (and '02 'when it comes to co-beneficiaries) and '11'. In record type '11 two fields were added: Interest Amount (gross), (from position 125, 16 characters, numeric 15.2) and Tax Amount (from position 141, 11 characters, numeric 10.2).

11. The file '000029' is to be used by the Agent Bank and includes record type '01' (and '02 'when it comes to co-beneficiaries). In record type '11 two fields were added: Interest Amount (gross), (from position 125, 16 characters, numeric 15.2) and Tax Amount (from position 141, 11 characters, numeric 10.2)

12. The file '000020' records include type '01' (and '02 'when it comes to co-beneficiaries) and '11'. In record type '11' and in position of the field "Key mentioned pledge" (from position 106, 10 characters, numeric) the serial number of the blocking of repayment of bond due to complaint is indicated.

13. The file '000027' is delivered by the issuer to ATHEXCSD and includes record type '11'. In place of the field "Key mentioned pledge" (from position 106, 10 characters, and numeric) the serial number of the conversion blocking that will participate in the conversion is indicated.

14. The file '000028' is delivered by the issuer to ATHEXCSD and it includes record type '11'. In place of the field "Key mentioned pledge" (from position 106, 10 characters, numeric) the serial number of the repayment blocking that will be repaid is indicated.

15. The file '000035' is delivered by the issuer to ATHEXCSD. The files combine distribution files, pledge files and files of automatic conversion. They include record type '11 'and '04'. In record type '11 a field was added for the recording of the serial number of conversion obligation which shall be converted to the specified record. Also in case of a partial use of the blocked quantity in the 'Balance of Unsubscribed Rights ", the quantity that will remain' Available 'and will not be deleted is documented.

16. The files '000052', '000053' are sent by ATHEXCSD to the Issuer. Records Type will include '00', '01', '02', '11', '09' with full details of shareholders and co-holders, pledgees, usufructuaries for the updating of their files.

17. In files '000052', '000053' (Notice of dividend distribution):

   - In case of a pledge, record type '09' will be included with information of the Lender - beneficiary of the dividend and record type '01' will include the details of the shareholder pledged.

   - in case of usufruct, record type '09' will be included with information of the usufructuary - beneficiary of the dividend and the record type '01' will include details of the shareholder.

18. File '000056' (Exception Form of Issuer):

   - In record type '01', the mandatory fields are those related to the key file, the number of record type 11, the set of records, the total quantity of values (meaning the total amount excluded), the number of corporate action cutoff date and the share registry. In the other fields no control is performed

   - The record type '11', the mandatory fields are those related to the key of the entry, the share number of the investor and the amount exempted. The amount refers to the total amount held by the investor and no partial exception is accepted.

19. In file '000063' (File of reinvestment) type records 00 (header) and 11 (File of Distribution) are included.

20. In record type 11 (Distribution) in all files imported to DSS, the Distribution Value field is mandatory to contain values, while fields of Class special tax treatment and special rate withholding tax will be empty. On the contrary, the files '000013'/'000019'/'000029'/'000057'/'000072'/'000073' (involving cash distributions) the field

Distribution Value will be zero, while the Category field of special tax treatment and special rate withholding tax will have values.

21. The changes below apply in case of co-owner accounts, and for file types 13, 19, 57, 58, 72, 73, 29, 52 and 53:
    For unrestricted securities

    a) After of every record type 2(co-owner) a record type 11 will follow regarding the individual account of joint proprietor where the field "Amount" will have the zero value.

    b) The fields below will have a zero value (0) in the case of the aggregate record of type 11, corresponding to co-owner accounts:

    - Internal Numbering
    - Interest Amount (gross) / Dividend Amount
    - Tax Amount
    - Special Tax Rate

    For securities with restrictions (pledge etc.)

    In case of pledge the above mentioned (a & b) will apply, with an additional record of type 09, following the aggregate record of type 11. In cases of multiple pledges, the records will be repeated per lender.

Records type 01 (Investor data)

Field	K	Position	Length	Type	Possible prices	Remarks
Corporate Code in DSS	*	1	6	A	From coding of DSS	
Numbering	*	7	7	N		Unique number for correlation Entries shareholder beneficiaries and distribution
Indication of record	*	14	2	A	01	Shareholder
Internal numbering	*	16	2	N	00	The shareholder register is unique
Surname/Full legal denomination of the legal entity		18	200	A		
Name		218	30	A		Only for Individuals
Father's Name		248	15	A		Only for Individuals
Tax identification Number		263	15	A		Tax identification number or indication "DOES NOT EXIST"
Competent Tax Office		278	15	A		Competent Tax Office or indication "DOES NOT EXIST"
Indication for the class of the shareholders		293	1	A	1 Individual, 2 Legal entity, 3 co-owner share 4 Issuer 5 Joint Investor Account	
Corporate Form		294	15	A		Only for legal entities
Occupation/business activity		309	25	A		Occupation (Individuals) Subject (Legal entities)
Registered office		334	80	A		Only for legal entities
Contact Person		414	60	A		Only for legal entities
Nationality		474	2	A		From coding of DSS
Investor Share Code		476	10	A		LPAD 0

Field	K	Position	Length	Type	Possible prices	Remarks
Check Digit investor's share code		486	1	A		
Type of certificate of recognition		487	1	A	**1** = ID, **2** = Passport, **3**=Corporate registration number, **4** = Commercial Registry **O** = Other	(O= capital Latin)
Number certificate of recognition		488	25	A		Entered number or the indication "DOES NOT EXIST"
Date of issuing the certificate of recognition		513	8	D		DDMMYYYY
Issuing authority of certificate of recognition		521	60	A		Indication of authority or indication "DOES NOT EXIST"
Issuing country of certificate of recognition		581	2	A	From coding of DSS	
Address and number		583	40	A		
P.C.		623	10	A		
City		633	20	A		
Country		653	2	A	From coding of DSS	
Telephone number		655	15	A		
Mobile phone		670	15	A		This field is a rename of the previous field "fax number". The mobile phone field as a field in the DSS accepts only numbers without other characters or spaces. (minimum size 10 digits, maximum size 15digits of the format 00ccnnnnnnnnnnnnn, where c-country code = international country code)
E-mail		685	64	A		
Recipient		749	60	A		
Address and number		809	40	A		
P.C.		849	10	A		
City		859	20	A		
Country		879	2	A	From coding of DSS	
Telephone number		881	15	A		
Mobile phone		896	15	A		This field is a rename of the previous field "fax number". The mobile phone field as a field in the DSS accepts only numbers without other characters or spaces. (minimum size 10 digits, maximum size 15digits of the format 00ccnnnnnnnnnnnnn, where c-country code = international country code)
Term ofHeritage for joint shares		911	1	A	1 – yes , 0 –no	Applying the term that in case of death of one of the joint holders, the values automatically to other vested pursuant to subsections 1 Article 2 of Law 5638/1932. The field completed only on the joint shares.
Country of Incoroporation		912	2	A	From coding of DSS	Concern only legal entities
General Statistical Category		914	10	A	From coding of DSS	
Special Statistical Category		924	10	N	From coding of DSS	
Investor Share Account Category		934	1	A		**1= Market maker in Securities** **2=Market Maker in Derivatives** **3=Member's Share account**

Field	K	Position	Length	Type	Possible prices	Remarks
						4= Transitional account of issuer/capital administrator
						5 = Temporary settlement account of intermediary
						6=Market maker in ETF's
						7=Link share (ex-correspondent share account)
						8 = Fund (Shares of Capital Administrator and Capital Shares)
						9=Share of Customer Insurances
						O = Customer
						a=Share account of issuer of unlisted beneficiaries of bearer securities
						b=Share account of issuer of unlisted registered securities
						c=System administrator share
						d= Clientele
						e=Participant's
						g = Trust share account
						j=Escrow agent & forced deposit share account
						k= Public entity's share account
Type of fixed certificate of recognition		934	1	A		Individuals 1= Soc. Sec. Number 4=Personal ID O (O is a Latin capital character) =Other Legal Entities 2=LEI 3=BIC O (O is a Latin capital character) =Other The field is not filled in for Joint Investors Share or Co-Owners Investor Share
Investor's unique fixed identification number		936	30	A		
P.C. P.O. BOX		966	10	A		
P.O BOX number		976	10	A		
Date of death		986	8	D		DDMMYYYY

Records type 02 (co-owner in share of co-owners or joint investor accounts)

Field	K	Position	Length	Type	Possible prices	Remarks
Corporate Code in DSS		1	6	N	From coding of DSS	
Numbering		7	7	N		
Indication of record		14	2	A	02	(co-owner)
Numbering of co-owner		16	2	N		
Surname/Full legal denomination of the legal entity		18	200	A		
Name		218	30	A		Only for Individuals
Father's Name		248	15	A		Only for Individuals
Tax identification Number		263	15	A		Tax identification Number or indication "DOES NOT EXIST"

Field	K	Position	Length	Type	Possible prices	Remarks
Competent Tax Office		278	15	A		Tax Office or indication "DOES NOT EXIST"
Person Indication		293	1	A	1. Individual 2. Legal entity	
Corporate Form		294	15	A		Only for legal entities
Occupation/business activity		309	25	A		Occupation (Individuals) Subject (Legal entities)
Registered office		334	80	A		Only for legal entities
Contact Person		414	60	A		Only for legal entities
Nationality		474	2	A	From coding of DSS	
Investor Share Code		476	10	A		LPAD 0
Check Digit Investor's Share Code		486	1	A		
Type of certificate of recognition		487	1	A	**1** = ID, **2** = Passport, **3**=Corporate registration number, **4** = Commercial Registry **O** = Other	(O= capital Latin)
Number certificate of recognition		488	25	A		Entered number or the indication "DOES NOT EXIST"
Date of issuing the certificate of recognition		513	8	D		Date of issue of identity
Issuing authority of certificate of recognition		521	60	A		Indication of authority or indication "DOES NOT EXIST"
Issuing country of certificate of recognition		581	2	A	From coding of DSS	Issuing country
Address and number		583	40	A		Address
P.C		623	10	A		postal code
City		633	20	A		City
Country		653	2	A	From coding of DSS	Country
Telephone number		655	15	A		Phone
Mobile phone		670	15	A		This field is a rename of the previous field "fax number". The mobile phone field as a field in the DSS accepts only numbers without other characters or spaces. (minimum size 10 digits, maximum size 15digits of the format 00ccnnnnnnnnnnnn, where c-country code = international country code)
E-mail		685	64	A		E-mail
Percentage of Co-ownership		749	7	N(6,3)		format 999.999 Left blank when the co-owner is in a joint account
Date of death		756	8	D		DDMMYYYY

Records type 11 (distribution)

Field	K	Position	Length	Type	Possible prices	Remarks
Corporate Code in DSS	*	1	6	A	From coding of DSS	
Numbering	*	7	7	A		
Indication of record	*	14	2	A	11	Distribution
Internal numbering	*	16	2	N		Within the numbering
Investor Share Code		18	10	A		LPAD 0
Check Digit Investor's Share Code		28	1	A		
Abbreviation of Investor		29	15	A		As has occurred in DSS
Tax identification Number		44	15	A		Tax identification Number or indication "DOES NOT EXIST"
Type of certificate of recognition		59	1	A	**1** = ID, **2** = Passport, **3**=Corporate registration	(O= capital Latin)

Field	K	Position	Length	Type	Possible prices	Remarks
					number, **4** = Commercial Registry **O** = Other	
Number certificate of recognition		60	25	A		Number of identity or indication "DOES NOT EXIST"
Number of Securities Account		85	10	A		LPAD 0
Check Digit of Account		95	1	A		
Operator Code		96	10	A	From coding of DSS	
Key mentioned pledge		106	10	N		LPAD 0
Amount		116	15	N		LPAD 0
Classification Quantity		131	4	A	9999	Without classification (available)
					0003	With pledge
					0004	Usufruct
					0005	financial collateral
					0006	Blocking
					9000	Inactive share
Interest Amount (gross) / Dividend Amount		135	16	N(15,2)		LPAD 0 In form 15,2 (9999999999999.99)
Tax amount		151	13	N(12,2)		LPAD 0 In form 12,2 (9999999999.99)
Recording the number of Conversion Commitment or the number of pledge		164	10	N		LPAD 0
Date of activation		174	8	D		DDMMYYYY
Date of inactivation		182	8	D		DDMMYYYY
Value of distribution		190	17	N(16,2)		LPAD 0 In form 16,2 (99999999999999.99)
Category special tax treatment		207	60	A		The description of the category of special tax treatment (if the investor owned one)
Special tax rate		267	6	N(5,2)		LPAD 0 In form 5.2 (999.99)
Balance Unsubscribed Rights		273	15	N		LPAD 0
Currency		288	3	A		
Tax Abroad		291	13	N(12,2)		LPAD 0 In form 12,2 (9999999999.99)

The types of commitments and other liabilities provided are broken down as follows:

Preview at CRP files	Blocking and Encubrances
0003	03- Pledge for Athexclear
0003	P0- Pledge from Participant
0003	W0- Option from Participant
0003	T0- Pledge from ATHEXCSD
0004	R0- Usufruct from Particpant
0004	S0- Usufruct from ATHEXCSD
0005	g0- Financial Collateral in Rem
0006	01- Declaration of intent for Transfer or Pledge
0006	05 - Blocking
0006	85- Safety Portfolio
0006	Y0- Blocking due to safe box
0006	07 Blocking for minority rights
0006	Q0- Blocking from ATHEXCSD

Records type 09 (Usufructuary or pledgee)

Field	K	Position	Length	Type	Possible prices	Remarks
Corporate Code in DSS		1	6	N	From coding of DSS	
Numbering		7	7	N		
Indication of record		14	2	A	09	Usufructuary or pledgee
Serial number of entry Quantity		16	2	N		Serial internal Numbering type recording number 11 which indicate the usufruct or pledge.
Surname/Full legal denomination of the legal entity		18	200	A		
Name		218	30	A		Only for Individuals
Father's Name		248	15	A		Only for Individuals
Tax identification Number		263	15	A		Identification Number or indication "DOES NOT EXIST"
Competent Tax Office		278	15	A		Competent Tax Office or indication "DOES NOT EXIST"
Person Indication		293	1	A	1 individual, 2 Legal entity, 3 co-owner share 4 Issuer 5 Joint Investor Account	
Corporate Form		294	15	A		Only for legal entities
Occupation/business activity		309	25	A		Occupation (Individuals) Subject (Legal entities)
Registered office		334	80	A		Only for legal entities
Contact Person		414	60	A		Only for legal entities
Nationality		474	2	A	From coding of DSS	
Corporate Code in DSS		476	10	A		LPAD 0 Share number of Usufructuary or pledgee
Check Digit investor share number		486	1	A		
Type of certificate of recognition		487	1	A	1 = ID, 2 = Passport, 3=Corporate registration number, 4 = Commercial Registry O = Other	(O= capital Latin)
Number certificate of recognition		488	25	A		Number of identity Competent Tax Office or indication "DOES NOT EXIST"
Date of issue for the certificate of recognition		513	8	D		DDMMYYYY
Issuing authority certificate of recognition		521	60	A		Issuing authority or indication "DOES NOT EXIST"
Issuing country for the certificate of recognition		581	2	A	From coding of DSS	
Address and number		583	40	A		
P.C		623	10	A		
City		633	20	A		
Country		653	2	A	From coding of DSS	
Telephone number		655	15	A		
Mobille phone		670	15	A		This field is a rename of the previous field "fax number". The mobile phone field as a field in the DSS accepts only numbers without other characters or spaces. (minimum size 10 digits, maximum size 15digits of the format 00ccnnnnnnnnnnnn, where c-country code = international

Field	K	Position	Length	Type	Possible prices	Remarks
						country code)
E-mail		685	64	A		

Remarks

- In the Share Register records (000009), Dividend Distribution Announcement (000013), Interim Dividend (000057), Return of capital (000058), Interest Distribution Privileges (000072), Special Reserve (000073), Allocation Notification fractional shares (000014), Commitment to Disclosure Rights exercised (000016), Disclosure Commitments for General Assembly (000017), Notice of Dividend Distribution for Payment (000052) and Disclosure Beneficiaries vote for General Assembly (000067), the following shall apply:

    - Fields Securities Account Number, Operator will include a corresponding number of gaps.

    - The key field mentioned pledge will include a corresponding number of gaps, except for archives Disclosure Commitment to Rights (000016) and Disclosure Commitments for General Assembly (000017), which will contain the numbering of Commitment.

    - The field Investor share, abbreviation Investor, vat number, Type of identity, Number of identity will contain the corresponding data of the investor's share in the DSS.

- In the files of Distribution Shares (000021) code fields Investor share, Abbreviation Investor, Tax identification number, type of certificate of recognition, number certificate of recognition, Account Number and Password Securities Accounts will contain the relevant information available to the DSS. When a special account, the Securities Account Number field will have the value of the account and the field operator will have the value 9999999999

- Those records Dispatch fractional shares (000022) code fields Investor share, Abbreviation Investor, vat number, type of Identity, number of identity will contain the relevant information available to the DSS. The Securities Account Number field will have the value 0000000000 and the Operator Code field will have the value 9999999999.

- Notice the archives for dividends to pay (000052) Notification Dividends paid (000053), the following applies:

    The field "Recording of serial number of Conversion Commitment" type records in '11 is not completed.

- Add control to distribution files, displaying the error file warning messages: "CSD-60095 The entry amount to special account is allowed only for special services."

    In these cases must be sought the cause, which tend to transfer the values to special investor account of and corrected in order to register the securities in securities investor account if the entry is not foreseen the provisions of Article 15 of DSS Rulebook.

Records type 06 (Error in file received by ATHEXCSD)

Field	K	Position	Length	Type	Possible prices	Remarks
Indication of record		1	2	A	06	Error in file received by ATHEXCSD
Key of checked record	*	3	22	A		Align Right

Field	K	Position	Length	Type	Possible prices	Remarks
Code of error		25	10	A	From coding of DSS	Align Right
Information		35	80	A		Other auxiliary information

2.3.2 File of Shareholder Register in CSV format

The data table below is provided to the Issuers who are not able to edit the data through system.

It aims to meet the needs of Law4548/2018 and is provided in CSV format upon relevant request of the Issuer.

Field	Type / Length / Remarks
PRODUCTION DATE	DD/MM/YYYY
INVESTOR SHARE CODE (DSS)	N10 (Numeric Length 10) Investor Share Code
INDICATION FOR THE CLASS OF THE SHAREHOLDERS	A1 (Alphanumeric Length 1)
	1- Individuals
	2- Legal Entity
	3- Co-owner share
	4- Issuer
	5- Joint Investor Share
INVESTOR RE ACCOUNT CATEGORY	A1 (Alphanumeric Length 1)
	1= Market maker in Securities
	2=Market Maker in Derivatives
	3=Member's Share account
	4= Transitional account of issuer/capital administrator
	5 = Temporary settlement account of intermediary
	6=Market maker in ETF's
	7=Link share (ex-correspondent share account)
	8 = Fund (Shares of Capital Administrator and Capital Shares)
	9=Share of Customer Insurances
	O = Customer
	a=Share account of issuer of unlisted beneficiaries of bearer securities
	b=Share account of issuer of unlisted registered securities
	c=System administrator share
	d= Clientele
	e=Participant's
	g = Trust share account
	j=Escrow agent & forced deposit share account
	k= Public entity's share account
SHAREHOLDERS' DATE	DD/MM/YYYY
COUNTRY OF TAX RESIDENCE	A2 (Alphanumeric Length 2) From DSS encoding

Field	Type / Length / Remarks
TAX IDENTIFICATION NUMBER	**A (15) (Alphanumeric Length 15)** Identification Number or indication "DOES NOT EXIST"
COMPETENT TAX OFFICE	Competent Tax Office for Greek Taxpayers or indication "DOES NOT EXIST"
TYPE OF CERTIFICATE OF RECOGNITION	A1 (Alphanumeric Length 1) 1 = ID 2 = PASSPORT 3 = Corporate Registration Number 4 = Commercial Registry O = OTHER
NUMBER CERTIFICATE OF RECOGNITION	A25 (Alphanumeric Length 25)
TYPE OF FIXED CERTIFICATE OF RECOGNITION	A1 (Alphanumeric Length 1) Individuals 1= Soc. Sec. Number 4=Personal ID O (O is a Latin capital character) =Other Legal Entities 2=LEI 3=BIC O (O is a Latin capital character) =Other The field is not filled in for Joint Investors Share or Co-Owners Investor Share
SURNAME OR FULL LEGAL DENOMINATION OF THE LEGAL ENTITY	A200 (Alphanumeric Length 200)
NAME	A30 (Alphanumeric 30) Only for individuals
FATHER'S NAME	A15 (Alphanumeric Length 15) Only for individuals
ABBREVIATION	A15 (Alphanumeric Length 15) As it has come out from DSS system
OCCUPATION/BUSINESS ACTIVITY	A25 (Alphanumeric Length 25)
NATIONALITY	A2 (Alphanumeric Length 25)
ADDRESS AND NUMBER	A40 (Alphanumeric Length 25)
REGISTERED OFFICES	A80 (Alphanumeric 80)
P.C.	A10 (Alphanumeric Length 10)
CITY	A20 (Alphanumeric Length 20)
COUNTRY	A2 (Alphanumeric Length 2) From DSS encoding
TELEPHONE NUMBER	A15 (Alphanumeric Length 15)
ISIN	A12 (Alphanumeric Length 12)
QUANTITY OF SHARES	N15 (Numeric Length 15)

Co-Owners and Joint Proprietors Data

Field	Type / Length / Remarks
PRODUCTION DATE	DD/MM/YYYY File Production Date
CO-OWNERS OR JOINT PROPIETORS INVESTOR SHARE CODE (DSS)	N10 (Numeric Length 10)
INVESTOR SHARE CODE OF EVERY MEMBER OF THE GROUP	N1 A1 (Numeric Length 1) Individual Investor Share Code
INDICATION FOR THE CLASS OF THE SHAREHOLDERS	A1 (Alphanumeric Length 1) 1- Individuals 2- Legal Entity 3- Co-owner share

Field	Type / Length / Remarks
	4- Issuer
	5- Joint Investor Share
NVESTOR SHARE ACCOUNT CATEGORY	A1 (Alphanumeric Length 1)
	O = Customer
	g = Trust share account
	j=Escrow agent & forced deposit share account
	k= Public entity's share account
SHAREHOLDERS' DATE	DD/MM/YYYY
COUNTRY OF TAX RESIDENCE	A2 (Alphanumeric Length 2)
TAX IDENTIFICATION NUMBER	Identification Number or indication "DOES NOT EXIST"
COMPETENT TAX OFFICE	Competent Tax Office for Greek Taxpayers or indication "DOES NOT EXIST"
TYPE OF CERTIFICATE OF RECOGNITION	A (1)
	1 = Identification card
	2 = PASSPORT
	3 = Corporate Registration Number
	4 = Commercial Registry
	O = OTHER
NUMBER CERTIFICATE OF RECOGNITION	A (25)
TYPE OF FIXED CERTIFICATE OF RECOGNITION	A (1) Individuals 1= Soc. Sec. Number 4=Personal ID O (O is a Latin capital character) =Other Legal Entities 2=LEI 3=BIC O (O is a Latin capital character) =Other The field is not filled in for Joint Investors Share or Co-Owners Investor Share
SURNAME OR FULL LEGAL DENOMINATION OF THE LEGAL ENTITY	A (200)
NAME	A (30) Only for individuals
FATHER'S NAME	A (15) Only for individuals
ABBREVIATION	A (15) As it has come out from DSS system
OCCUPATION/BUSINESS ACTIVITY	A (25)
NATIONALITY	A (2)
ADDRESS AND NUMBER	A (40)
P.C.	A (10)
CITY	A (20)
COUNTRY	A (2) From DSS encoding
TELEPHONE NUMBER	A (15)
PARTICIPATION PERCENTAGE	N (6) 99.999 Only for Joint Proprietors Share Accounts

2.3.3 Allocation File in CSV Format

To report to ATHEXCSD the allocations resulting from initial registration or from corporate actions involving securities issued by an issuer, the following CSV file, delimited by semicolons and encoded in the ISO 8859-7 character set, is uploaded to the SAT.

The file format is as follows:

Field	Type/Lenght	Comments
s/n	N10	Sequential registration number
Tax ID Number	A15	Enter the beneficiary's Tax Identification Number (TIN) as recorded in their file with in DSS: For Greek beneficiaries, enter the 9-digit Tax Identification Number, while for foreign beneficiaries, enter the corresponding Tax Identification Number (TIN) issued by the competent tax authority of their country of residence. Note: The 9-digit number must include the leading zeros, e.g., 012345678. If no TIN has been registered in the account, enter the indication "NOT AVAILABLE" (in uppercase Greek letters).
Investor share code	N10	Enter the beneficiary's 10-digit account number. Note: The 10-digit number must include leading zeros, e.g., 0000123456
Account number	N10	Enter the beneficiary's 10-digit account number. Note: The 10-digit number must include leading zeros, e.g., 0999923456
Participant code at DSS	N10	Enter the code of the Participant with whom the Securities will be registered and held in the DSS (the codes of the Participants are listed in the Appendix).
ISIN code	A12	Enter the 12-digit isin code
Volume	N15	Enter the total number of securities to be registered for each beneficiary.

All fields are required.
The fields "Tax ID," "Share Number," "Account Number," and "Participant Code" are verified against the information recorded in each investor's respective share account in the Central Securities Depository (CSD).

2.3.3.1 Table of Common Error Codes

Error Code	Description
CSD-49048	7 semicolon-delimited fields are expected in the ISO 8859-7 character set
CSD-49082	The registration number must be unique
CSD-04034	The beneficiary's share code could not be found
CSD-03106	Invalid investor share code
CSD-03044	Inactive investor share code
CSD-49088	Unlisted securities may not be recorded in collective accounts
CSD-60095	Prohibited investor share (issuer share) XXXXXXXXXX
CSD-03301	Invalid id tax number
CSD-03046	Invalid investor account
CSD-03600	Wrong account xxxxxxxxxx

CSD-49083	Tax ID, Investor Share Code, and Account do not match
CSD-03047	Invalid participant
CSD-03320	Participant XXXXXXXXXX does not hold any unlisted securities
CSD-03004	Invalid isin
CSD-03048	Invalid volume
CSD-01119	The security does not match the one issued, or the security does not exist

2.3.4. Shareholder Declaration of Participation in a Special Tax Treatment Category

The structure (format) of the file submitted by the issuing company to ATHEXCSD is as follows:

Field	Mandatory	Position	Type/Length	Comments
File number	YES	1	A(10)	Serial number
Participant code	YES	11	A(10)	Enter "9999999999" for all entries
Investor account	YES	21	A(10)	From DSS Coding - From the shareholder register
Tax year	YES	31	A(4)	'YYYY"
Tax Treatment Category	YES	35	A(2)	From DSS Coding
Activation	YES	37	A(1)	Enter '1' for all entries
Comments	NO	38	A(50)	Record Date in format "DDMMYYYY"

Important notes:
 • The "Comments" field must include the record date of the corporate dividend distribution relating to the submitted file. If it is deemed necessary to add additional comments, these must be entered after the above date so as not to affect the proper processing of the file by the DSS.
 • The entries in the submitted file apply exclusively to the corporate action to which they relate.

2.4 File of over the counter Transfers

With this function the issuers are able to produce massive inputs in DSS of over the counter transfers.

2.4.1 Over the counter transfer file

Field	Y	position	length	type	Possible prices	Remarks
Record serial number	•	1	10	N		LPAD0
Investor share code of initial beneficiary	•	11	10	A		
Investor share code of final beneficiary	•	21	10	A		LPAD0
Operator's code of final beneficiary	•	31	10	A	From coding of DSS	
Value code	•	41	12	A	From coding of DSS	
Quantity	•	53	15	N		LPAD0
Operation type	•	68	2	A	13	From declaration statement

Field	Y	position	length	type	Possible prices	Remarks
Date of transfer	•	70	8	D		DDMMYYYY
Serial number of intention statement	*	78	10	N		Obligatory for type of operation 13.
Transaction value	•	88	17	N		LPAD 0 In form 16,2 (99999999999999.99)

2.4.2 File control

Obligatory control:

- It is checked whether the investor shares of initial and final beneficiary exist.

- It is checked whether the transferring date is equal to the current.

- It is checked whether the quantity is available in the account (according to the type of operation).

- Since the operator differs from ATHEXCSD, it is checked whether the operator exists and has submit intention statement concerning the usage of the final beneficiary account

2.4.3 File of approved over the counter transfers

With the completion of loading of the over the counter file is produced by the system file with all successful records of movements with the corresponding serial numbers of transfers that were produced by the system.

Field	Y	position	length	type	Possible prices	Remarks
Serial number of record	•	1	10	N		Field 1 of the file of over the counter transfers
Serial number of over the counter transfer	•	11	10	N		Provided by DSS
Serial number of transfer	•	21	10	A		Provided by DSS

2.4.4 File of rejected over the counter transfers

In case that during the entry of file, errors are detected, is produced the following errors file by the system, which has the objective to facilitate the user to correct the main file.

Field	Y	position	length	type	Possible prices	Remarks
Serial number of record	•	1	10	N		Field 1 of the over the counter transfer file
Error code	•	11	10	A		Provided by DSS
Description of error	•	21	80	A		Provided by DSS

2.5 Conversion files

2.5.1 Formation of conversion files addressing to ATHEXCSD

The issuers create the files with the written form described below which they send to ATHEXCSD with magnetic mean. The data contained within the magnetic files are classified into the following types of records:

Type of records	Recording
0 (zero)	Header Record of sending file
1 (one)	Investor record
2 (two)	Co beneficiaries record
3 (three)	Quantity record
4 (four)	Contract of burden (pledge, usufruct)
5 (five)	Analysis of burden contract
6 (six)	Error report

The description of the exchanged files and the analytical description of the record files, follow.

The types of files sent by the issuer to ATHEXCSD are:

- The "Conversion" file with which are sent the data of the shareholders, and the quantities they possessed. The quantities could be according to depositing or according to the shareholders list (for nominal securities) or burden (pledge, usufruct) could exist on them. The file includes the following records:

0 (zero)	Header Record of addressing file
1 (one)	Investors record
2 (two)	Co beneficiaries record
3 (three)	Quantity of securities record

The data could be sent partially with marked consecutive addressing number.

- The file of "burden contracts" which contains the data of the burden contracts (pledge, usufruct) which are available on behalf of the issuer and the terms based on standardized form. It includes records:

0 (zero)	Header Record of addressing file
4 (four)	Burden contracts (pledge, usufruct)
5 (five)	Analysis of burden contracts (terms of contracts)

Since it is possible a pledge contract to concern securities of more than one issuer, in any case it is checked whether the contract has entered. That way the files could be addressed repeatedly without effecting the operation of DSS.

- The "legalization" files which addressed only for nominal securities, in the end in order to legalize the shareholders for quantities that had entered from the conversion file according to the shareholders list. It includes records:

0 (zero)	Header Record of the addressed file
1 (one)	Investors record
3 (three)	Quantity of securities record

The data could be sent partially with marked consecutive addressing number.

2.5.2 Formation of files by ATHEXCSD for addressing to the issuers

From ATHEXCSD are addressed to the issuers with magnetic means the following files arising during the procession of conversion.

- "Error" files. It is produced if errors confirmed while conduction the checking of one conversion, contract or legalization file. It includes records

0 (zero)	Header Record of the addressing file
6 (six)	Reporting error record

- "Accepted control" file, which is produce after the successful termination of checking. It contains the records that were addressed with file from the issuer and it is produce if no error detected in the whole file. It includes records

0 (zero)	Header Record of the addressing file
1 (one)	Investors record
2 (two)	Co beneficiaries record
3 (three)	Quantity of securities record
4 (four)	Burden contract (pledge, usufruct)
5 (five)	Analysis of burden contracts (terms of contracts)

In every checked file are included only the record types that needed into the checking file.

2.5.3 Written mode of the conversion files

Record of type '0' (Header Record)				
Field	Y	position	length	Remarks

Indication of record	•	1	1	'0' (zero)
Type of file	•	2	6	000001 Conversion 000002 Burden establishment 000003 Legalization 000004 Informing order 000005 Error Acceptance 000006 Errors 000007 Informing by DSS 000031 Not appeared
Corporate code in DSS	•	8	6	From coding file of DSS
Date and time of production	•	14	12	DDMMYYYYHH(24)MI

Code of sending file	•	26	6	LPAD 0. Obliged on files
				    000001 Conversion
				    000003 Legalization
				    000004 Informing order

Number of records type 1	•	32	10	LPAD 0
Number of records type 2	•	42	10	LPAD 0
Number of records type 3	•	52	10	LPAD 0
Number of records type 4	•	62	10	LPAD 0
Number of records type 5	•	72	10	LPAD 0
Number of records type 6	•	82	10	LPAD 0
Total of records	•	92	10	LPAD 0
Total quantity of addressing securities	•	102	15	LPAD 0
Addressing security code	•	117	12	
Burden indication for all the addressed quantities	•	129	1	'0' = does not exist, '1' = pledge, '2' = usufruct
Indication of investor knowledge for all the addressed quantities	•	130	1	'0' = the shareholder is not legalized. '1' = legalization with informing. '2' = Informing.
Referred file	•	131	24	Key of the mentioned file (in files addressed by ATHEXCSD)

Key file

Records of type '1' (investor)				
Field	**Y**	**position**	**length**	**Remarks**
Corporate code in DSS	●	1	6	From coding of DSS
Installation code	●	7	8	Code for every station of an enlisted issuer. It arises from the data Organization (3 digits) Branch (3 digits) Terminal (2 digits).
Investor code	●	15	15	Returned by the issuer Ranked on the right
Indication of record	●	30	1	'1' (Investor)
Numbering	●	31	2	00 (zero, zero)
Surname or full legal denomination of the legal entity	●	33	200	Shareholder
Name	●	233	30	Only for individual
Father's name	●	263	15	Only for individual
Tax identification Number	●	278	15	Identification number for Greeks taxpayers or indication "DOES NOT EXIST"
Competent tax office	●	293	15	Competent Tax Office for Greeks taxpayers or indication "DOES NOT EXIST"
Person Indication	●	308	1	1 Individual, 2 Legal entities 3 Group
Corporate Status	●	309	15	Only for legal entities
Occupation/business activity	●	324	25	Occupation (Individual) Business activity (Legal entities)
Registered office	●	349	80	Only for legal entities
Contact person	●	429	60	Only for legal entities
Nationality	●	489	2	From coding of DSS
Investor share code	●	491	10	BLANKS
Type of certificate of recognition	●	501	1	'1' = ID, '2' = PASSPORT, '3' = Corporate Registration Number, '4' = Commercial Registry '9' = OTHER
Number certificate of recognition	●	502	25	Accepted and indication "DOES NOT EXIST"
Date of issuing the certificate of recognition	●	527	8	DDMMYYYY
Issuing authority of certificate of recognition	●	535	60	Accepted and indication "DOES NOT EXIST"
Issuing country of certificate of recognition	●	595	2	From coding of DSS
Investor address				
Address (street and number)	●	597	40	
P.C	●	637	10	
City	●	647	20	
Country	●	667	2	From coding of DSS
Telephone	●	669	15	
Mobile phone	●	684	15	This field is a rename of the previous field "fax number". The mobile phone field as a field in the DSS accepts only numbers without other

				characters or spaces. (minimum size 10 digits, maximum size 15digits of the format 00ccnnnnnnnnnnn, where c-country code = international country code)
E-mail	•	689	64	
Communication data for DSS				
Mail Receptor	•	763	60	
Address	•	823	40	
P.C.	•	863	10	
City	•	873	20	
Country	•	893	2	From coding of DSS
Telephone	•	895	15	
Mobile phone	•	910	15	This field is a rename of the previous field "fax number". The mobile phone field as a field in the DSS accepts only numbers without other characters or spaces. (minimum size 10 digits, maximum size 15digits of the format 00ccnnnnnnnnnnn, where c-country code = international country code)

Registration key

Record of type'2' (Co beneficiary)			
Field	**position**	**length**	**Remarks**
Corporate code	1	6	From coding of DSS
Installation code	7	8	Code for every station of an enlisted issuer. It is arises from the data Organization (3 digits) Branch (3 digits) Terminal (2 digits).
Shareholder code	15	15	As it has granted to the group, into the same installation code.
Indication of record	30	1	'2' (Co beneficiary)
Numbering	31	2	Consecutive number of group members
Surname or full legal denomination of the legal entity	33	200	
Name	233	30	Only for individual
Father's name	263	15	Only for individual
Tax identification Number	278	15	Identification number for Greeks taxpayers or indication "DOES NOT EXIST"
Competent tax office	293	15	Competent Tax Office for Greeks taxpayers or indication "DOES NOT EXIST"
Indication of person	308	1	1 individual - 2 legal entity
Corporate form	309	15	Only for legal entities
Occupation/business activity	324	25	Occupation (individual) Business activity (legal entities)
Location	349	80	Only for legal entities
Contact person	429	60	Only for legal entities
Nationality	489	2	From coding of DSS
Investor share code	491	10	If exist already in DSS as investor
Type of certificate of recognition	501	1	'1' = ID,

				'2' = passport, '3' = corporate registration number, '4' = Commercial Registry '9' = Other
Number certificate of recognition		502	25	Acceptable and indication "DOES NOT EXIST"
Date of issuing the certificate of recognition		527	8	DDMMYYYY
Issuing authority of certificate of recognition		535	60	Acceptable and indication "DOES NOT EXIST"
Issuing country of certificate of recognition		595	2	From coding of DSS
Address (street and number)		597	40	
		637	10	
City		647	20	
Country		667	2	From coding of DSS
Telephone		669	15	
Mobile Phone		684	15	This field is a rename of the previous field "fax number". The mobile phone field as a field in the DSS accepts only numbers without other characters or spaces. (minimum size 10 digits, maximum size 15digits of the format 00ccnnnnnnnnnnnn, where c-country code = international country code)
E-mail		709	64	
Percentage of Co ownership		773	7	Form 999.999

Registration key

Record of type '3' (quantity of securities)				
Field	Y	position	length	Remarks
Corporate code in DSS	●	1	6	From coding of DSS
Installation code	●	7	8	Similar to the record of type '1'
Shareholder code	●	15	15	Similar to the record type of '1'
Indication of record	●	30	1	'3' (quantities)
Numbering	●	31	2	01-99 (numbering of records per shareholder) LPAD 0
Security code	●	33	12	From coding file of DSS
Quantity of securities	●	45	15	LPAD 0
Code of sending file	●	60	6	LPAD 0
Burden indication	●	66	1	'0' = Does not exist, '1' = Pledge, '2' = usufruct
Indication of informing	●	67	1	'0' = The shareholder is not legalized. '1' = Legalization with informing. '2' = Informing.
Informing by date		68	8	DDMMYYYY
Informing up to date		76	8	DDMMYYYY
Account number		64	10	If it is already active in DSS
Account operator code		74	10	Obligatorily with the account number. It is presented by the shareholder

Contract number of establishment of pledge or burden		84	30	Should have been addressed to ATHEXCSD
Investor share code in DSS		114	10	Pledge lender or usufructuary
Value of securities	●	124	16,2	LPAD 0 In form 16,2 (99999999999999.99)

Registration key

Record of type '4' (burden contracts)				
Field	**Y**	**Position**	**length**	**Remarks**
Corporate code	●	1	6	From coding of DSS
Installation code	●	7	8	
Serial number of pledge	●	15	8	It is presented by the issuer LPAD 0
Indication of record	●	30	3	'400'
Number of contract	●	33	30	
Type of pledge	●	63	1	'1' = pledge, '2' = usufruct
Date setting pledge	●	64	8	DDMMYYYY
Details of pledgee or principal debtor	●			
Share number	●	72	10	
Surname or full legal denomination of the legal entity	●	82	200	Account Holder of Securities
Name		282	30	Only for Individuals
Father's Name		312	15	Only for Individuals
Tax identification number	●	327	15	Tax identification number or indication "DOES NOT EXIST"
Competent Tax office	●	342	15	Competent Tax office or indication "DOES NOT EXIST"
Person Indication	●	357	1	1 Individual, 2 Legal entities 3 Group
Corporate form		358	15	Only legal entities
Registered office		373	80	Only legal entities
Nationality	●	453	2	From coding of DSS
Type of certificate of recognition	●	455	1	'1' = ID, '2' = Passport, '3' = Corporate Registration Number '4' = Commercial Registry '9' = other
Number certificate of recognition	●	456	25	Acceptable and indication "DOES NOT EXIST""
Date of issuing the certificate of recognition		481	8	DDMMYYYY
Issuing authority of certificate of recognition	●	489	60	Acceptable and indication "DOES NOT EXIST"
Issuing country of certificate of recognition	●	549	2	From coding of ATHEXCSD
Details pledgee or usufructuary	●			
Investor Share Code in DSS	●	551	10	
Surname or full legal denomination of the legal entity	●	561	200	

Name		761	30	Only for Individual
Father's Name		791	15	Only for Individual
Tax identification number	●	806	15	Tax identification number or indication "DOES NOT EXIST"
Competent Tax office	●	821	15	Competent Tax office or indication "DOES NOT EXIST"
Person Indication	●	836	1	1 Individual 2 legal entity 3 join investor account
Corporate form		837	15	Only for legal entities
Registered office		852	80	Only for legal entities
Nationality	●	932	2	From coding of DSS
Type of certificate of recognition	●	934	1	'1' = ID, '2' = Passport, '3' = Corporate Registration Number '4' = Commercial Registry '9' = other
Number certificate of recognition	●	935	25	Acceptable and indication "DOES NOT EXIST"
Date of issuing the certificate of recognition	●	960	8	DDMMYYYY
Issuing authority of certificate of recognition	●	968	60	Acceptable and indication "DOES NOT EXIST"
Issuing country of certificate of recognition	●	1028	2	From coding of DSS

Registration key

Record type '5' (Terms of the contracts pledge)				
Field	Y	Position	Length	Remarks
Corporate code		1	6	From coding of DSS
Installation Code		7	8	
Serial number of pledge		15	8	Taken from issuer LPAD 0
Indication of record		30	1	'5'
Serial number of pledge analysis		31	2	LPAD 0
Isin Code		33	12	From coding of DSS From coding of DSS
Type of asset		45	2	'1 '= Extension Weight '2 '= Pledgee. Debtor or having limited ownership '3' = Pledgee or usufructuary.
Display asset holder		47	1	

Registration key

Record type '6' (Error in file received by ATHEXCSD)				
Field	Y	position	length	remarks
Indication of record		1	1	'6'
Key of record		2	34	Align left
Code of error		36	10	Assigned by DSS Align Right
Information		46	35	Other auxiliary data

Accompanying production state in each file upload

The data set which is included in the electronic records must be produced in the form of accompanying states.

Each state issued per file must be identical with it.

2.5.4 Controls archive data and instructions for completing

File type 31 (notification not appeared Meeting)

1. In record type '3 'Display Information field should have a value of '0'

2. The records type 3 fields:

- Information to date

- Account Number

- Operator code to DSS

- Contract lien or Weight

- Investor Share Code in DSS

   should have a value gaps (spaces)

Control of file

- The electronic files are using Character Set ISO 8859-7.

- There aren't Control characters. The permissible characters are:

  - Digits: 0,1,2,3,4,5,6,7,8,9

  - Latin Capital: A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z

  - Latin Lowercase: a,b,c,d,e,f,g,h,I,,j,k,l,m,n,o,p,q,r,s,t,u,v,w,x,y,z

  - Symbol: ( ) - . , /

  - Greek Capital: Α,Β,Γ,Δ,Ε,Ζ,Η,Θ,Ι,Κ,Λ,Μ,Ν,Ξ,Ο,Π,Ρ,Σ,Τ,Υ,Φ,Χ,Ψ,Ω

  - Greek Lowercase: α,β,γ,δ,ε,ζ,η,θ,ι,κ,λ,μ,ν,ξ,ο,π,ρ,σ,τ,υ,φ,χ,ψ,ω

  - Greek with ton: ά,έ,ή,ύ,ί,ό,ώ

- Special character : <SP> (space) , <NL> (New Line) = <CR>+<LF>

- The files are sorted lexicographically.

- Required fields must not be empty. If there isn't any information for a mandatory field, is given the accepted indication.

- The information to be filled in Upper Case.

- Fields with list prices are getting value from the mandatory list. Individual fields are:

   Kind of person to be registered as an investor:

   '1 '= Individual,

   '2 '= Legal entity,

   '3 '= Joint investor account

Your prompt dispatch of information to the investor:

'1 '=' Yes ',

 '2' = 'No'

Type of certificate of recognition:

'1 '= ID

'2 '= Passport

'3 '= Corporate Registration Number

'4' = Commercial Registry
'9 '= other

Type of file documents electronically:

 '0' = Header record,

'1' = Investor,

'2' = Join holder,

'3' = Ammounts,

'4' = Pledges,

'5 '= Pledges Analysis

'6 '= Report Error

Weight indication in quantity

'0' = none pledge

'1 '= Under Pledge,

'2 '= There is usufruct.

Display Information

'0 '= The Shareholder is not entitled to this amount.

'1 '= legalization and Information.

'2 '= Standard Shareholder Update

Holder new quantities if there is a pledge

'1 '= the pledge of the new extended amount

'2 '= the pledgee debtor or having limited ownership,

'3 '= the pledgee or usufructuary

- Exclusive use codes when using table coding when registering:

    - Nationality,

    - Issuing Country of certificate of recognition,

    - Country in a direction

    - Companies Code,

    - ISIN,

    - Asset pledge

- Each file includes only the projected record types

Header Record controls

- General Control for permissive and mandatory values as listed in manual.
- The file type can be provides that be sent by the issuing.
- Number of refers dispatch only if provided by the file type.

    If stated dispatch code:

    - Allow for sending the file type.
    - Do not repeat the sending of the file.
- Have completed debentures code of issuer.
- Have completed a positive amount of the security.
- The amount of securities of the mission, should be less than or equal to the total number of securities of the issuer.
- Have completed the pledge display.
- Have completed the display information for the investor.
- Absent in adders nonzero values not provided for record types.
- Do not show that the total number of securities of the issuer in case. (eg not to exceed 100% of the share registry by adding the file conversion or not legitimized greater number of securities than those registered as non-legitimized).
- Indication pledge = 0 is allowed only for file conversion, file legalization and file information.
- Indication pledge = 1 or 2 only allowed for file conversion.
- Display information investor = 0 only allowed in file conversion.
- Indication investor information = 0 is allowed only for nominal securities.
- Display information = 1 investor is only allowed to file conversion and legalization
- Display information = 2 investor is only allowed to file Command Information.
- File legalization sent only for nominal securities.

Controls investors records

- General Control for permissive and mandatory values as listed in manual.
- If the indication Face is '3 '(group) be any, at least two records holders, who may not be join account of shareholders.
- Registration Shareholder must have one associated minimum subscription amount.
- Sets record type 1 Header to be equal to the number of analytical lines.
- If the pledge indication in Header Record is not 0, it should be supplemented investor account.
- Completed share number will be certified by the DSS for the correctness combined with the identification.

Recording control joint holders

- General Control for permissive and mandatory values as listed in manual.

- In shares of joint holders involved only shares of individuals' shareholders.

- Sets record type 2 Header to be equal to the number of analytical lines.

- If the pledge indication in Header Record is not 0, it should be supplemented investor account.

- Completed share number will be certified by the DSS for the correctness combined with the identification.

- Rates joint holders to be larger than 0 and add up to 100.

- Not defined co-beneficiaries to a share that is not join account.

Recording control quantities

General Control for permissive and mandatory values as listed in manual:

- The records relate only to the same securities (eg common or preferred) mentioned in the Header

- The records must have the same indication investor information referred to the Header.

- The records must have the same indication being reported pledge and Header.

- A record of quantity must be a record associated with a shareholder.

- Sets record type Header to be equal to the number of analytical lines.

- Sets record type 3 Header to be equal to the number of analytical lines.

- If the indicator information reports that the shareholder is not entitled to the said amount.

    - The amount should be positive.

    - The indicator of pledge should be 0.

    - Not be filled in the contract number and the code section of the pledgee / usufructuary.

    - Do not be completed account investor and operator.

    - Not be completed by the date information.

- If the indicator information reports that the shareholder is entitled to the said amount:

    - Not be completed by the date information.

    - The amount should be positive.

    - In this file not be filled in the contract number and the code section of the pledgee / usufructuary.

    - Have been given the share number of the investor in the DSS.

    - The amount will be covered by Registered (quantity not appeared shareholder) DSS, the former shareholder of file conversion.

- If the record amount is sent to ATHEXCSD with file:

    - Not be filled in the contract number and the code section of the pledgee / usufructuary.

    - Do not be completed account investor and operator.

    - The amount should be 0.

    - The indicator of pledge is ignored.

- If there is a pledge:

    - There necessarily filled the contract number and code of share pledgee or usufructuary.

- Do not be completed account investor and operator.
- The code of contract is notified to file to DSS.
- The number of share investor has completed the recording of shareholder and coincides with the number of share of the investor debtor / having bare ownership in the Convention.
- The share number of pledgee / beneficial owner in the record of the quantity to be identified with that of the Convention.
- The Contract should apply to the securities referred to the record of the term contract.
- The quantities of securities to be greater than 0.

Controls written contract of pledges

- General tests for permissive and mandatory values as indicated in the manual.
- Sets record type 4 Header to be equal to the number of analytical lines.
- The share number of the debtor or pledgee will insert fine master certified by the DSS for errors in combination with the identification.
- The share number of the pledgee or usufructuary shall be certified by the DSS for errors in combination with the identification.
- For each record type '4 'Convention (Weight) there will be a record type '5' (Term Contract) by type of asset and securities.

Recording control contract terms of pledges

- General tests for permissive and mandatory values as indicated in the manual.
- Sets record type 5 Header to be equal to the number of analytical lines.
- The records of pledges definition should have written contracts associated with these.

2.6 File to facilitate participation in a general meeting from a distance

2.6.1 Csv file from ATHEXCSD to issuer

The new service concerns the collection by the Participants and the delivery to issuer through ATHEXCSD, upon request, the email and mobile phone data of the beneficiaries, with scope to facilitate their participation in the General Assembly from a distance (eg for 2 factor authentication in e-system voting, etc.). The Board of ATHEXCSD announced Decision 8 covering all the details of the provision of this Service.

The Issuer announces and requests to ATHEXCSD the use of the Service, as soon as possible in order to give participants time to confirm the data of the investors and to register them at DSS.

ATHEXCSD delivers a file to the issuer:

a. The day after the record date of beneficiaries and

b. On the day of the General Meeting to deliver a new file which include additional investors who did not have data or were incorrect at the first file.

Each newer file will completely replace the older one.

The csv file will be as follows:

Investor share code	N10 - 0000000000
Name of investor	A200
Mobile phone	N20
Personal email	A64- της μορφής aaa@aaa.aa
Date and time	ddmmyyyy- in order for the issuer to easily see the new additions. With this field the classification will be done.
TYPE OF FIXED CERTIFICATE OF RECOGNITION	A (1) Individuals 1= Soc. Sec. Number 4=Personal ID O (O is a Latin capital character) =Other Legal Entities 2=LEI 3=BIC O (O is a Latin capital character) =Other The field is not filled in for Joint Investors Share or Co-Owners Investor Share
Investor's unique fixed identification number	A (30)

The file name will be as follows:

isin-s/n corporate action-YYYYMMDDHHMISE

2.7 Identification file by ATHEXCSD

The issuer may request the identification file of the shareholdersby sending an identification request directly to ATHEXCSD or -in case of a cooperation- through another issuer agent. The layout of the given CSV file in both cases is as described below:

Contents of the account holder identification file (table 2 C.M.)	Mandatory (M)/Optional (O)	Format Type/ Length	Remarks
Unique Request ID (Corporate s/n as specified in DSS)	M	A24	
Unique answer ID	M	A24	It is not applied for individuals /blank
Type of request	M	A4	NEWM or REPL
ISIN for which the analysis is declared	M	A12	
Record Date	M	N8 (YYYYMMDD)	

Type of file	M	*N1 (1-New, 2-Cancelation)*	It is not applied for individuals /blank*
Unique national registration number preceded by the country code referring to the country of its registered office or LEI	M	A20	LEI of omnibus Account*
Name of the responding intermediary	M	A140	It is not applied for individuals /blank*
Total number of shares held by the responding intermediary		N15 (lpad0)	It is not applied for individuals /blank*
Number of shares held by the responding intermediary on account of itself	M	N15 (lpad0)	It is not applied for individuals /blank*
Number of shares held by the responding intermediary on account for someone else	M	N15 (lpad0)	It is not applied for individuals /blank*
LEI of the securities account operator, i.e. the intermediary up the chain with whom the responding intermediary has a securities account	M	A20	It is not applied for individuals /blank*
Number of the omnibus account of the responding intermediary	M	A20 (Ipad0)	The field is blanc in case of individual accounts
Type of Entity Identified (natural or Legal Entity, Joint Investor Share, Co-owners share)	M	A1	(1 for Natural Person, 2 for legal entities, 3 for Co-Owners, 5 for Joint investor share)
A unique national registration number preceded by the country code for its country of registration DSS number, concat or LEI)	O	A20 (of the following three fields one is required)	For individual accounts the Investor Share code is given
A Bank Identifier Code (BIC) preceded by the country code for its country of registration	O	A11	It is not applied for individuals /blank*
Client code, which uniquely identifies every legal entity or structure, in any jurisdiction, preceded by the country code regarding its country of registration	O	A50	It is not applied for individuals /blank*
Surname of shareholder or Name in case of a Legal Entity	M	A140	In case of the owner in a Joint Investor Share Account or Joint Proprietors Share Account, concludes all the data of the members (co-owner share or joint proprietor). Word in JSON form with repeated blocks. Form: [{block1} , {block2},…{blockN}]
Address	M	A140	In case of the owner in a Joint Investor Share Account or Joint Proprietors Share Account, concludes all the data of the members (co-owner share or joint proprietor). Word in JSON form with repeated blocks. Form: [{block1} , {block2},…{blockN}]

P.C.	M	A10	In case of the owner in a Joint Investor Share Account or Joint Proprietors Share Account, concludes all the data of the members (co-owner share or joint proprietor). Word in JSON form with repeated blocks. Form: [{block1} , {block2},…{blockN}]
City	M	A35	In case of the owner in a Joint Investor Share Account or Joint Proprietors Share Account, concludes all the data of the members (co-owner share or joint proprietor). Word in JSON form with repeated blocks. Form: [{block1} , {block2},…{blockN}]
Country	M	A2 (ISO3166-1 alpha-2)	In case of the owner in a Joint Investor Share Account or Joint Proprietors Share Account, concludes all the data of the members (co-owner share or joint proprietor). Word in JSON form with repeated blocks. Form: [{block1} , {block2},…{blockN}]
P.C. P.O. BOX	M	A10 (if is not exists 10 zero digits are registered instead)	In case of the owner in a Joint Investor Share Account or Joint Proprietors Share Account, concludes all the data of the members (co-owner share or joint proprietor). Word in JSON form with repeated blocks. Form: [{block1} , {block2},…{blockN}]
Number of P.O. BOX	M	A10 (if is not exists 10 zero digits are registered instead	In case of the owner in a Joint Investor Share Account or Joint Proprietors Share Account, concludes all the data of the members (co-owner share or joint proprietor). Word in JSON form with repeated blocks. Form: [{block1} , {block2},…{blockN}]
Email address	M	A255	In case of the owner in a Joint Investor Share Account or Joint Proprietors Share Account, concludes all the data of the members (co-owner share or joint proprietor). Word in JSON form with repeated blocks. Form: [{block1}, {block2},…{blockN}]
Type of shareholding	M	A1 (Select: O = shareholding on own account; N = nominee shareholding; B = beneficial shareholding; U = unknown)	For the individuals it is always B
Number of shares held by the shareholder	M	N15	
Initial date of shareholding	M	N8 (YYYYMMDD)	

Name of third party nominated by the shareholder. this field shall identify the third party who is authorised to take investment decisions on behalf of the shareholder	O	A140	In case of the owner in a Joint Investor Share Account or Joint Proprietors Share Account, it contains the data of the first in raw co-owner. In individual accounts if the shares are pledged or usufruct the name of the beneficiary of the votes is placed
Unique identifier of third party nominated by the shareholder (DSS number, CONCAT, LEI ή BIC)	O	A20	In case of the owner in a Joint Investor Share Account or Joint Proprietors Share Account, it contains the data of the first in raw co-owner. In individual accounts if the shares are pledged or usufruct the name of the beneficiary of the votes is placed

* The identified data will be provided by the CSD licensing in the CSDR Regulation.

The order of the archive documents is carried out according to the following fields:

- A unique national registration number preceded by the country code for its country of registration DSS number or concat) or LEI.
- A Bank Identifier Code (BIC) preceded by the country code for its country of registration
- Client code, which uniquely identifies every legal entity or structure, in any jurisdiction, preceded by the country code regarding its country of registration

The name of the file will be in form: isin-ca sn –YYYMMDDHHMISE

2.7.1 Shareholders Identification File by the ATHEXCSD as a CSD to the Issuer or to the Issuer Agent of the Issuer

The ATHEXCSD as a CSD will provide the same file to the Issuer and to the Issuer Agent who may the Issuer has assigned.

The layout of the file in csv form that will be delivered by ATHEXCSD is mentioned in the section 2.7

The file will contain the registrations of owners of the investor share accounts and after the CSDR licensing and the omnibus accounts without identification data of the owners that have a position to them.

2.7.2   Shareholders Identification File by the ATHEXCSD as Issuer Agent

The ATHEXCSD will provide the same file to the issuer as Issuer Agent.

The layout of the file in csv form that will be delivered by ATHEXCSD is mentioned in the section 2.7

The layout of the file in csv form that will be delivered by ATHEXCSD is mentioned in the section 2.7

The file will contain the registrations of owners of the investor share accounts and after the CSDR licensing and the omnibus accounts without identification data of the owners that have a position to them.

2.8 ATHEXCSD information files for transmission by the issuer of information of the General Meeting and Other Corporate Facts as well as confirmations of voting shareholders

In order for the issuer to transmit to the ATHEXCSD a request for identification of shareholders, General Assembly information, Other Corporate Facts as well as confirmations of voting shareholders ((in case it uses the chain of intermediaries in order to transmit the confirmations of votes to the shareholders and not send to them directly) may use file which cover the obligation of the Issuer for information transmission in a standard format, which will be available on the Listing Service Desk in "SRDII Services" section. These files can also be available to the Issuers upon request at the email address SRDII_Issuer Services@Athexgroup.gr.

2.9 Issuer's file disclosure regarding encumbrances and other liens

In order for the issuer to receive detailed information from ATHEXCSD regarding encumbrances and other liens on the security, the issuer must submit a request via the Issuer Service Desk. The resulting CSV file is sent in the following format:

Field	Comments
Serial number	Provided by the DSS
Type of encumbrance	The following is an analysis
Investor share code	Provided by the DSS/10 digits
Investor's full name	Provided by the DSS /Text
Lender Share Code	Provided by the DSS/10 digits
Επωνυμία Δανειστή/Επικαρπωτή	Provided by the DSS /Text
Isin	Alpha numeric12
Isin description	Provided by the DSS /Text
Volume	Numeric
Multiple blocking volume	Numeric
Comments	Provided by the DSS /Text
Bonus	Expanding or debtor/minor owner (investor)
spit/reverse split	Expanding or debtor/minor owner (investor)
Conversion	Expanding or debtor/minor owner (investor)
Dividents	Creditor/beneficial owner (beneficiary) or debtor/nominee owner (investor)
Votting rights	Creditor/beneficial owner (beneficiary) or debtor/nominee owner (investor)
Right of first refusal	Creditor/beneficial owner (beneficiary) or debtor/nominee owner (investor)

The types of commitments and other liabilities provided are broken down as follows:

Blocking and Encubrances from participant
03- Pledge for Athexclear

P0- Pledge from Participant
W0- Option from Participant
85- Safety Portfolio
R0- Usufruct from Particpant
07 Blocking for minority rights
g0- Financial Collateral in Rem
Y0- Blocking due to safe box
01- Declaration of intent for Transfer or Pledge
05 - Blocking
Blocking and Encubrances from ATHEXCSD
T0- Pledge from ATHEXCSD
07 Blocking for minority rights S0- Usufruct from ATHEXCSD
Q0- Blocking from ATHEXCSD